

**DEPARTMENT OF TRANSPORTATION****DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000121**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 25-Apr-2007**Location:** Changxing Island, Shanghai, China

**Submittals(New / Total):**      **CWR's:** 0 / 0      **HSR's:** 0 / 0      **NCR's:** 0 / 2

Item	Title	Detail
1	Major component movement	QA observed welding of the following PQR: HP200786, 1G SAW Minimum HI on 26mm plate using S-737+H14 electrode, welding is complete HP200787, 1G SAW Maximum HI on 26mm plate using S-737+H14 electrode, welding is in progress HP200778, 4G SMAW on HPS 485W using Lincoln Excalibur 9018M MR, welding is in progress
2	Key conversations	ABF onsite Quality Control Manager Nate Lindell informed QA that ZPMC had decided to machine the reinforcement that was interfering with QA's interpretation of the RT film for the welder qualifications. (ref. NCR dated 4-18-07) Mr. Lindell stated that machining revealed slag in one of the welds.
3	Other important observations	Caltrans representatives Keith Devonport, Patryk Pich and David McClary observed ongoing work on the ABF Tower Mock-ups and Closed-rib welding. It appeared all of the Tower skin plates were spliced and approximately 50% of the stiffeners had been welded to the skin plates. The 3B diaphragm is fabricated and is currently being machined. ZPMC has begun fitting the first skin plate to the temporary diaphragms for the tower splice mock-up. QA observed approximately 46 personnel working on the tower mock-ups including welders, QC and ABF representatives.
5	Other important observations	Caltrans representatives Keith Devonport, Patryk Pich and David McClary observed ongoing work on the ABF Closed-rib welding. ZPMC has welded several Closed-rib panels and taken macro-etch samples. QA observed approximately 16 personnel working on the Closed-ribs including welders, QC and ABF representatives.
6	Quality Assurance Inspectors per shift	2 AM (Hasler, Acuna) 0 PM

**Inspected By:** McClary,David

Quality Assurance Inspector

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**Reviewed By:** Lowry,Patrick

QA Reviewer